

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/038108

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01F17/00 B01F17/12 B01F17/16 B01F17/36

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 670 081 A (VICKERMAN ET AL) 23 September 1997 (1997-09-23) cited in the application column 1, lines 10-28 column 2, lines 30-57 column 16, lines 4,5 column 22, lines 40-45 claims 1,57,61,62; example 1	1-18
A	PATENT ABSTRACTS OF JAPAN vol. 014, no. 030 (C-678), 19 January 1990 (1990-01-19) & JP 01 266200 A (KAO CORP), 24 October 1989 (1989-10-24) abstract ----- -/-	1-18

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

15 March 2005

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22/03/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 808 131 A (OTTO F,US ET AL) 30 April 1974 (1974-04-30) column 1, line 68 - column 2, line 24 column 3, lines 1-9 claim 1	1-18
A	WO 96/35765 A (EXXON RESEARCH & ENGINEERING COMPANY; STADTMILLER, WILLIAM, H) 14 November 1996 (1996-11-14) page 2, lines 3-8 page 3, lines 23-32 page 5, lines 8-30 table 1	1-18

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5670081	A	23-09-1997	AU 682544 B2	09-10-1997
			AU 7916494 A	22-06-1995
			CA 2137529 A1	09-06-1995
			DE 69420933 D1	04-11-1999
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			SG 55045 A1	21-12-1998
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			CA 2217851 A1	14-11-1996